

## Utilizing Java Web Start and Appellate CM/ECF

### Fourth Circuit Web Start Login URL:

<https://ecf.ca4.uscourts.gov/cmecf/servlet/TransportRoom?servlet=Login?client=pc>

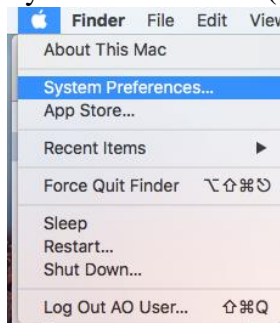
Due to changes in technology, beginning in March 2017, Appellate CurrentGen CM/ECF will need to be launched using Java Web Start (hereafter referred to as “Web Start”) rather than the Java Applet when using the Firefox or Microsoft Edge browsers. (The Java Applet version of Appellate CurrentGen CM/ECF still will be usable in the Windows Internet Explorer and Macintosh Safari browsers and are recommended for those browsers.) Chrome has intermittent issues with Web Start and is not a suggested browser.

When the Web Start application is launched for the first time, a few additional one-time steps are required to set it up properly. Those steps may vary slightly from one browser/browser version to the next.

### Important Notes:

- You must have the latest version of Java installed on your operating system. To check your Java version, go to <https://java.com/en/download/installed8.jsp>. If prompted to update Java, follow the on-screen installation steps.
  - The browser used to login should always be the default browser when using Web Start to launch the application so that required cookie information can easily be passed to other tabs/windows that open.
  - You must ensure that the Java Web Start Launcher is correctly associated with files of type JNLP on the operating system. See [JNLP & Mac](#) or [JNLP & Windows](#) for instructions on completing this step. You should only have to complete this step once.
  - If you have already completed the JNLP association process, refer to [Mac Expected Login Sequence](#) and [Windows Expected Login Sequence](#) for login instructions.
- **JNLP & Mac**  
**NOTE:** These instructions are for the Mac El Capitan OS. Other versions of the Mac OS may vary slightly.

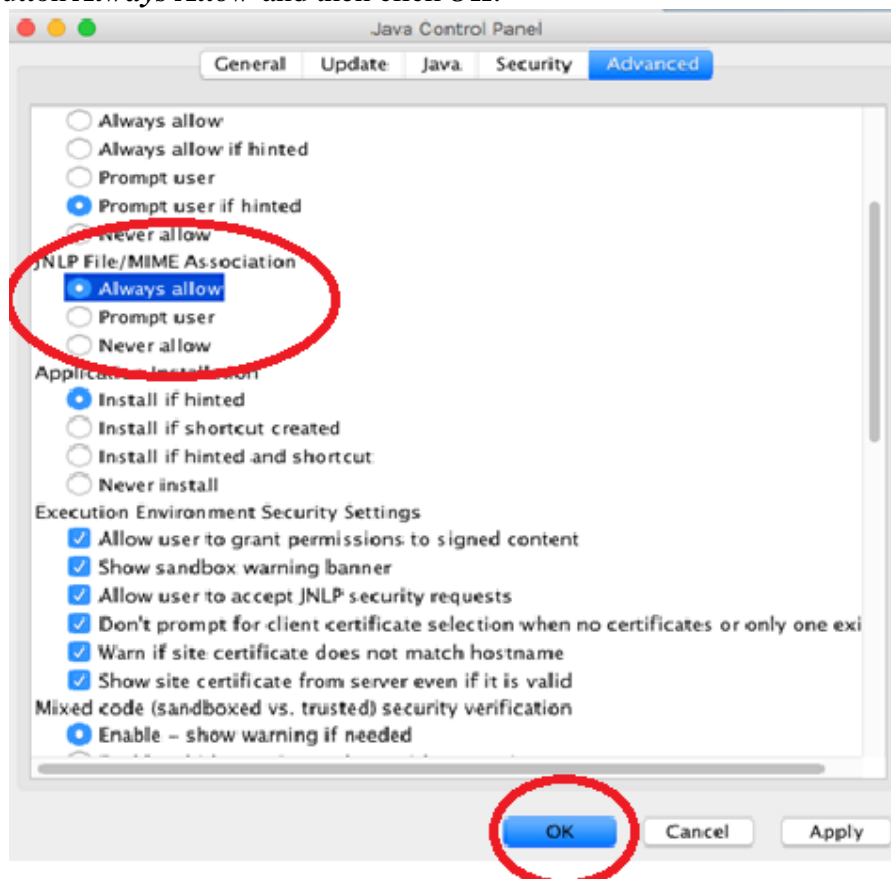
1. Click the Apple Menu button in the top left corner of your computer screen and select System Preferences (or Preferences).



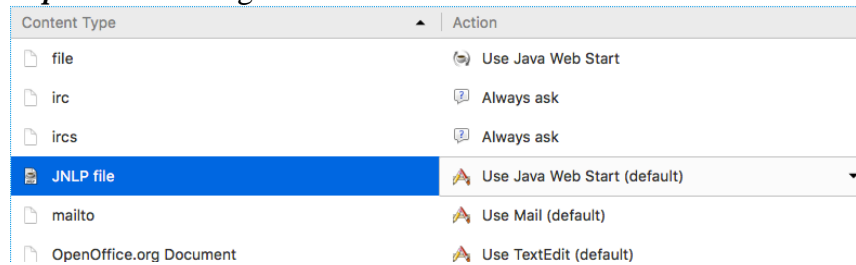
2. Under the **Other** section, click the Java icon to access the **Java Control Panel**.



3. Click the **Advanced** tab and under the title **JNLP File/MIME Association**, click the radio button **Always Allow** and then click **OK**.

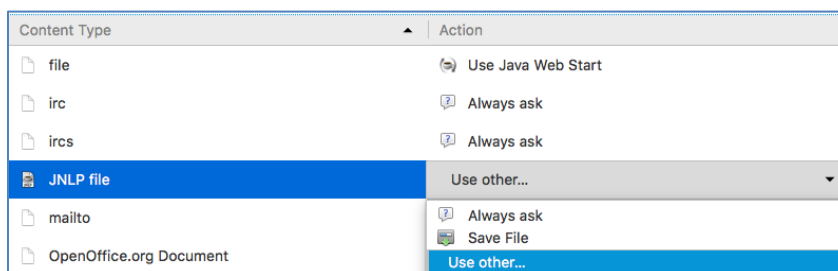


The Firefox Browser on the Mac has a utility to help you assign the correct file launcher to a file of a given type before you ever launch a Web Start application. It can be located by selecting Preferences → Applications on the Firefox menu or by select **Choose a default program** from an **Open With** dialog:

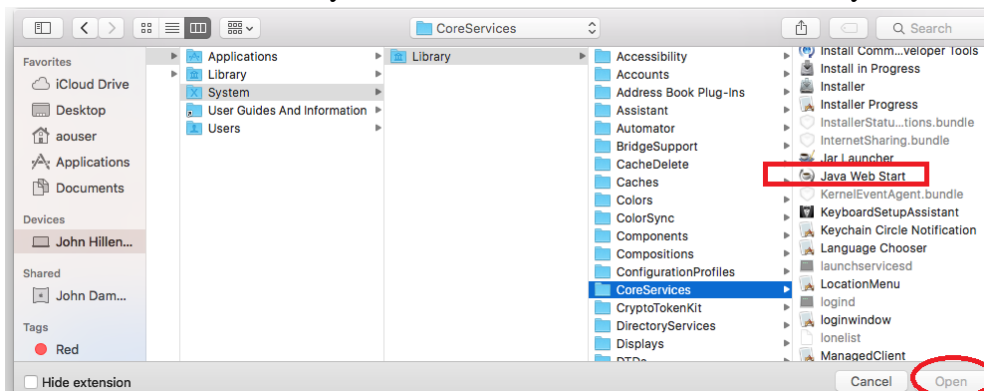


If for some reason the action for a jnlp file is incorrect in this utility, do the following:

1. Click the row with the jnlp content type, click the down arrow next to the currently associated action, and if you see **Java Web Start** as a choice in the drop-down menu, select it and exit the utility. If you don't see it, click **Use other** to browse for the correct file type.



2. You will be taken to the **Finder** where you can locate the file **Java Web Start** by selecting your hard drive under Devices in the left column (here shown as **John Hillenbrand's Mac Book Pro**) and then going to the directory **/System/Library/CoreServices/** and **highlighting Java Web Start**. Click **Open** at the bottom of the screen and you will be taken back to the initial utility screen.

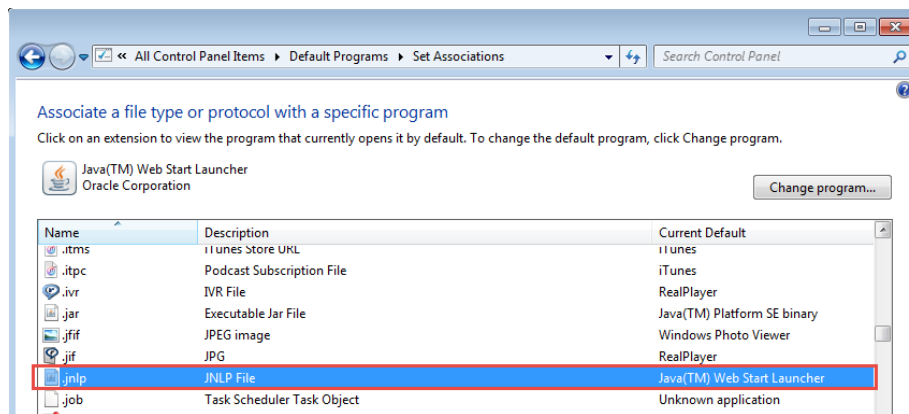


The **Java Web Start** file should now be assigned to jnlp files. At this point, you can exit the utility and proceed with logging in to Appellate CM/ECF.

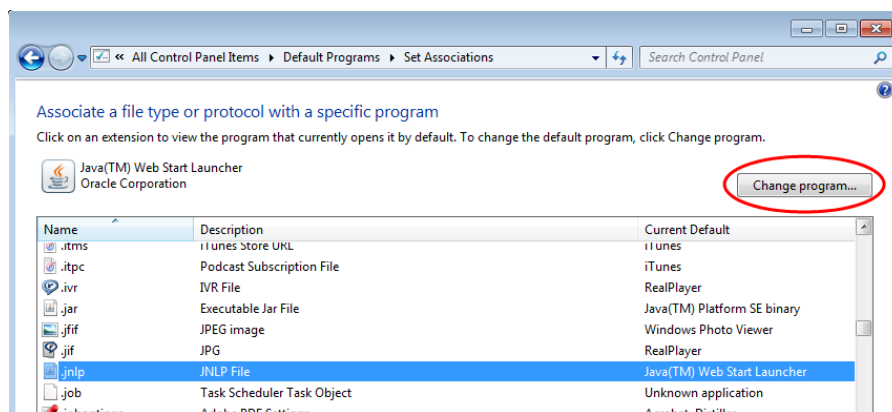
- **JNLP & Windows**

**NOTE:** These instructions are for the Windows 7 OS. Other versions of the Windows OS may vary slightly.

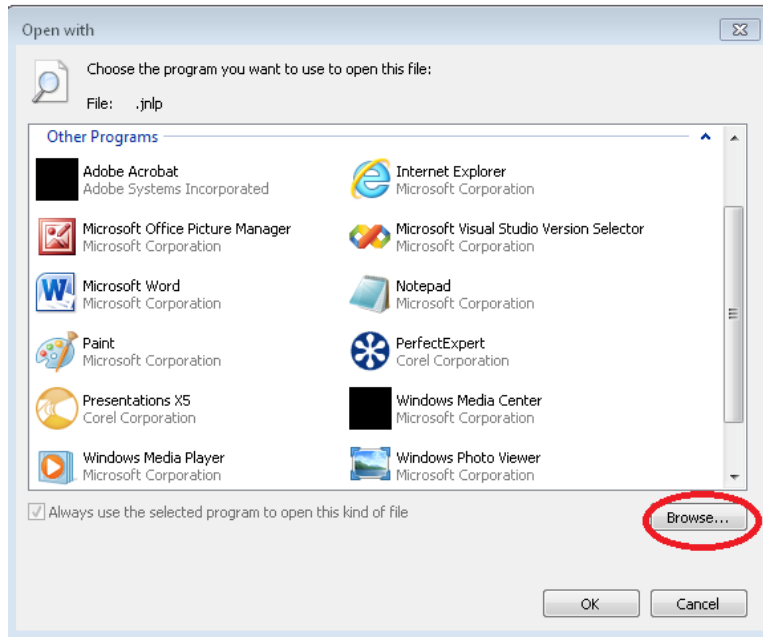
1. Open Default Programs by clicking the Start button and then clicking **Default Programs**.
2. Select **Associate a file type or protocol with a program**.
3. Locate the file extension **.jnlp** and make sure that the **Java™ Web Start Launcher** is the program with which it is being opened (listed under the **Current Default** column). Then click the **Close** button at the bottom of the window. **SKIP TO STEP 9.**



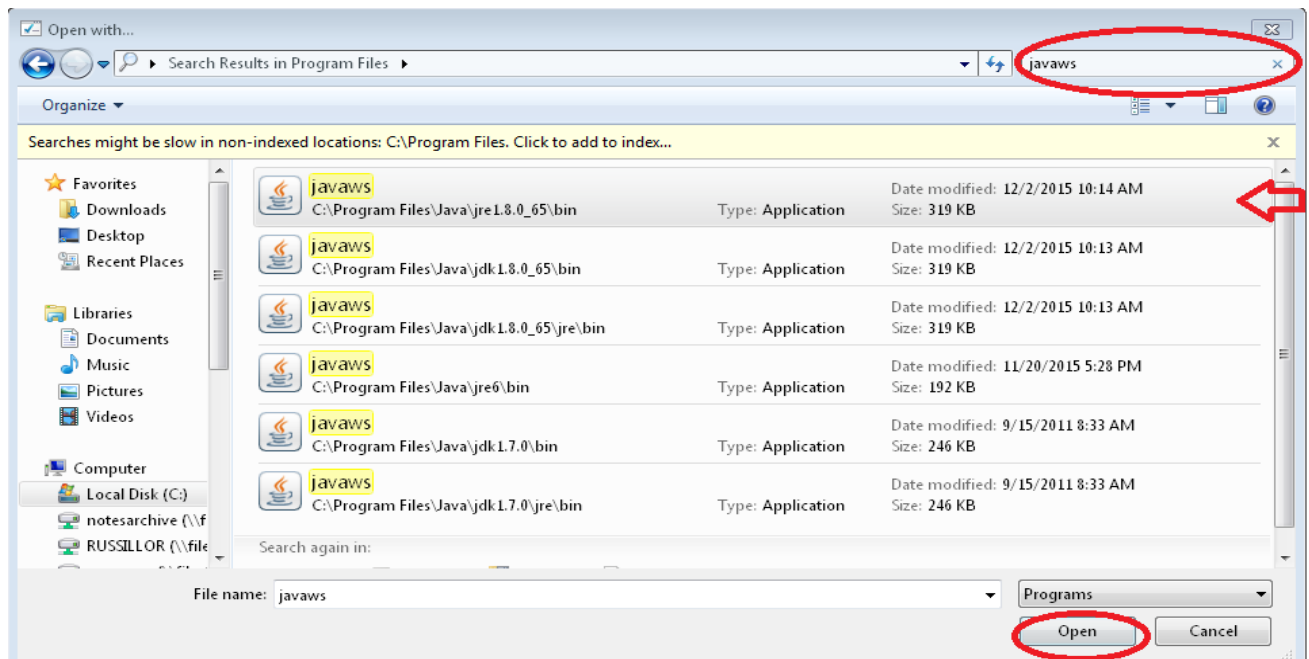
4. If you do not see the .jnlp extension in the list of file types (under the **Name** column), your Java is probably not active. Go to the Java Control Panel and make sure Java 1.8 is listed and it is checked as enabled. If Java 1.8 is not listed, you will need to reinstall it.
5. If you **DO** see the .jnlp extension in the list of file types but it is **NOT** designated to be opened with the **Java™ Web Start Launcher**, click the **Change program** button circled in the picture below.



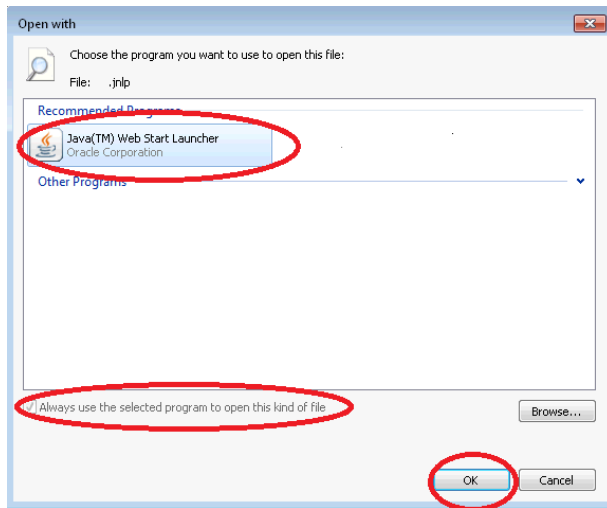
6. If you don't see the **Java™ Web Start Launcher**, click the **Browse** button on the next screen.



7. In the search window on the top right, search for the executable file **javaws.exe** from the latest version of Java on your computer. Select that file and click **Open** to add the launcher file as a choice for **.jnlp** files.



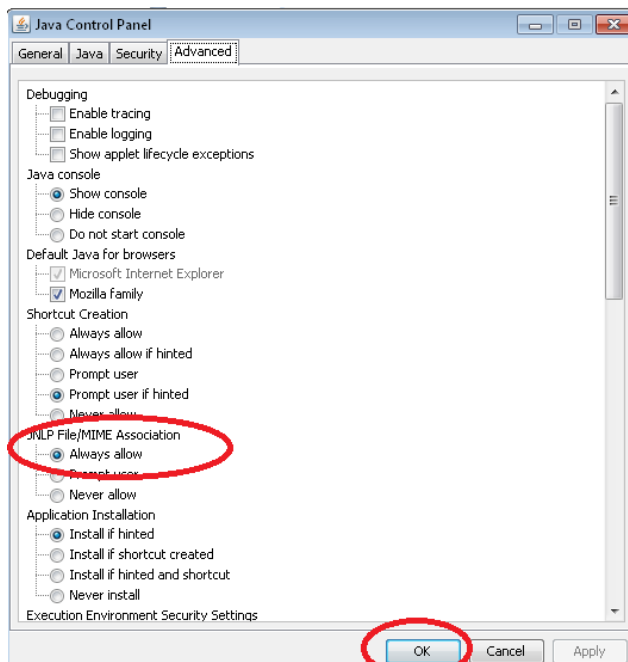
8. You will be returned to the **Open With** screen where you can then highlight the **Java™ Web Start Launcher**, be sure the checkbox next to **Always use the selected program to open this kind of file** is checked, and click **OK** to complete the assignment.



9. Close all windows related to Default Programs

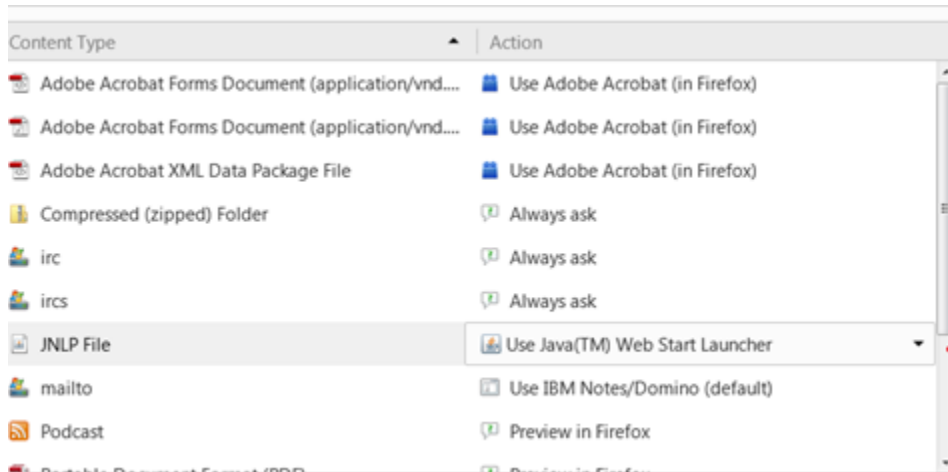


10. In Windows, from the Start menu, click **Control Panel → Programs → Java**. On the **Advanced** tab, under **JNLP/MIME type association**, click the radio button next to **Always Allow**.
11. Click **OK**.



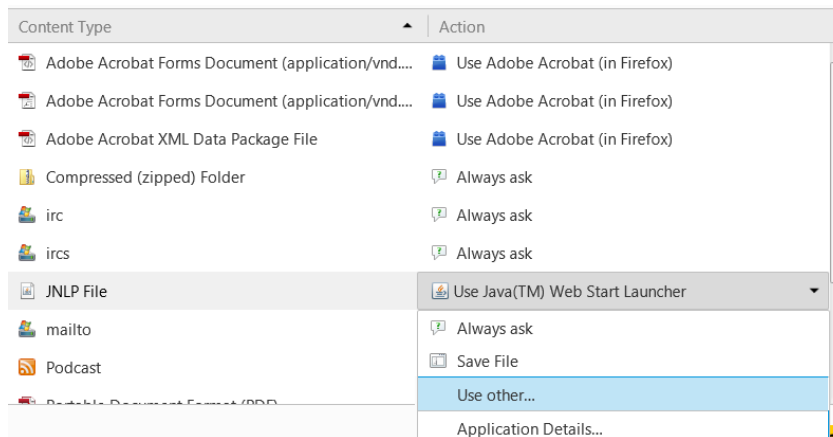
The Firefox Browser on Windows also has a utility to help you assign the correct file launcher to a file of a given type before you ever launch a Web Start application.

It can be located by selecting Options→Applications from the Tools menu of the Firefox browser or by selecting *Choose a default program* from an *Open With* dialog.

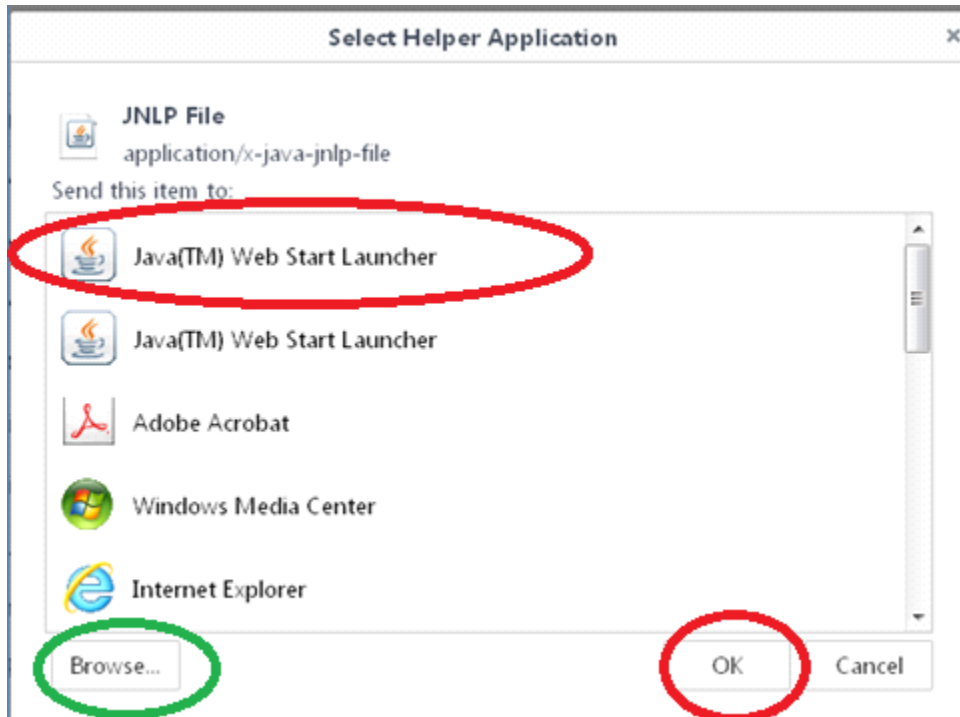



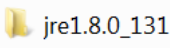

If for some reason the action for a jnlp file is incorrect in this utility, do the following:

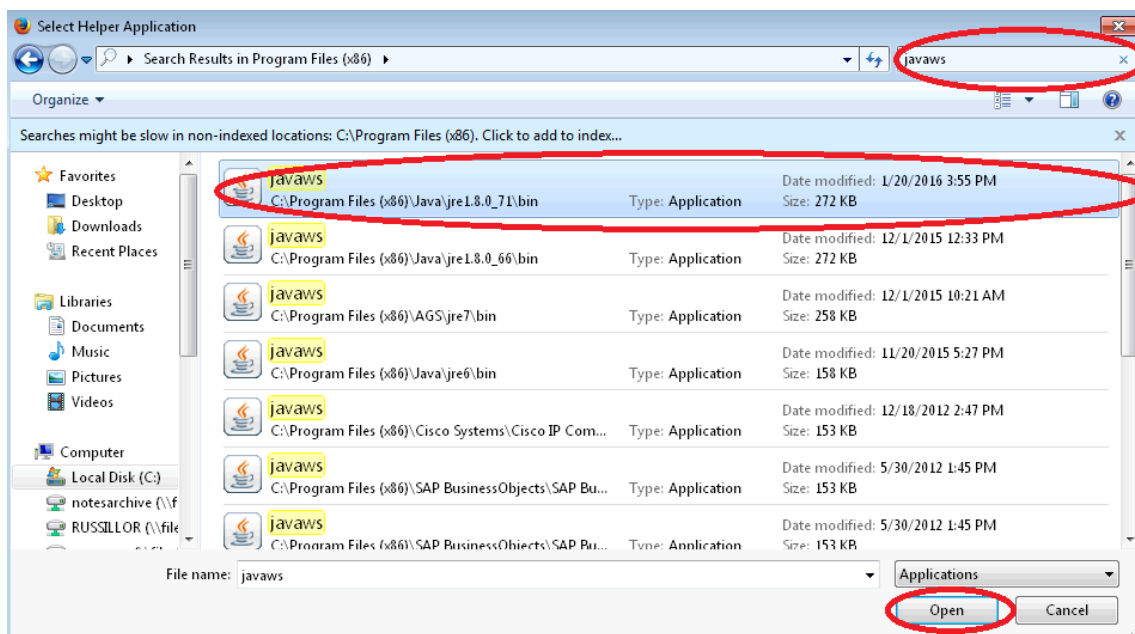
1. Click the .jnlp content type row, click the down arrow next to it, and click “Use other” to browse for the correct file type.



2. If the **Java™ Web Start Launcher** is displayed in the next screen, select it and click “OK”.

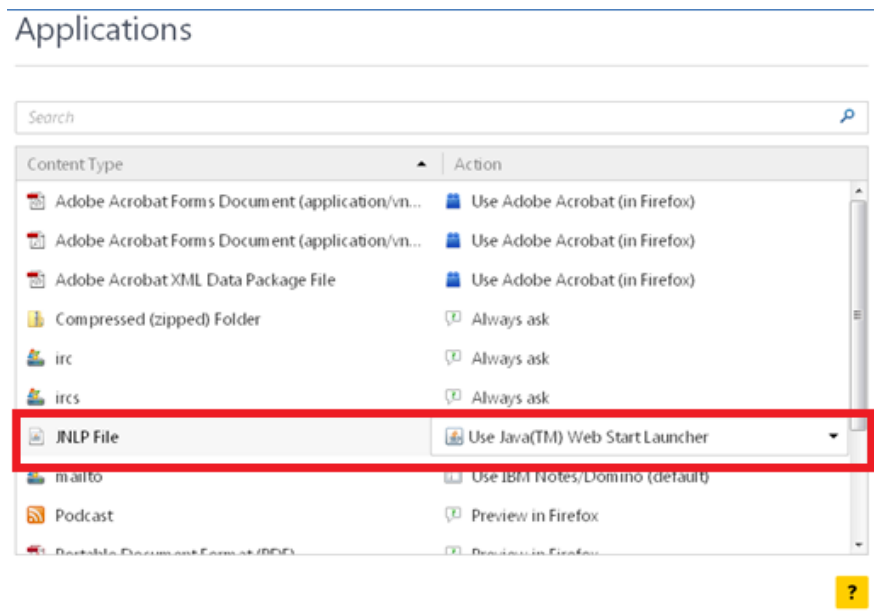


3. If the **Java™ Web Start Launcher** is not displayed, click the **Browse** button (circled in green above) [Note: you might have to select the Java file , the latest version folder , bin folder , and then browse for the file **javaws.exe**, select the latest version and click “Open”].





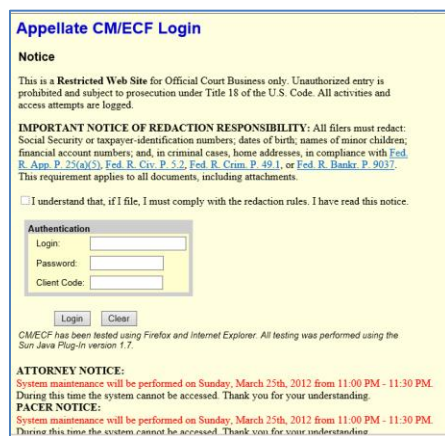
4. The latest version of the **Java™ Web Start Launcher** should now be assigned to jnlp files in the Firefox browser.



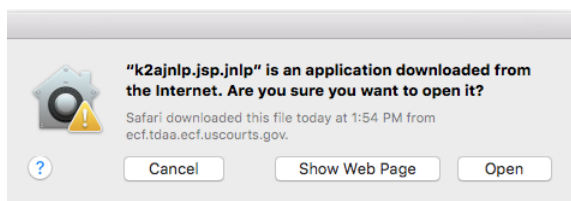
5. Now you can close the utility and when you next run k2jnlp, the **Java™ Web Start Launcher** should automatically launch the file and Appellate CM/ECF.

- **Mac Expected Login Sequence**

- 1) Log in (Firefox, Chrome)



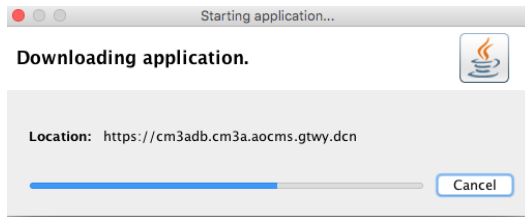
- 2) The JNLP file will be quickly downloaded.
- 3) In response to the internet warning, click **Open**. (Firefox).



- 4) You will briefly see the Java icon showing that Web Start has been launched. (Firefox, Chrome)



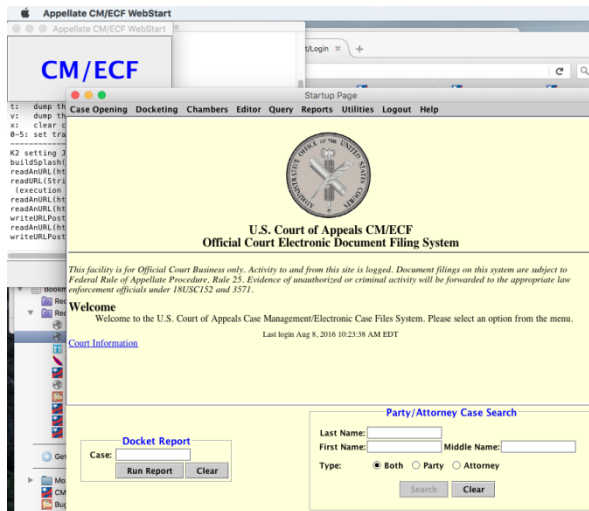
- 5) You may see messages saying the application is being downloaded and verified. (Firefox, Chrome)



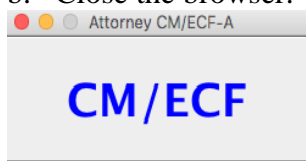
- 6) Click *Continue* in response to untrusted website warning. (Firefox, Chrome)



- 7) Splash screen displays (Firefox, Chrome)

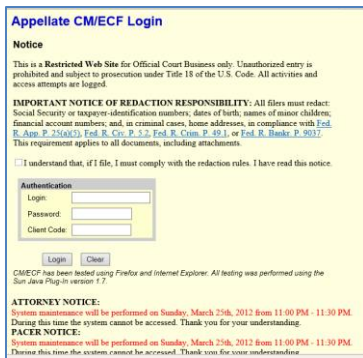


- 8) To exit the application after you finish using it: (Firefox, Chrome)
- Click the red dot in the top left corner of the small CM/ECF window.
  - Close the browser.

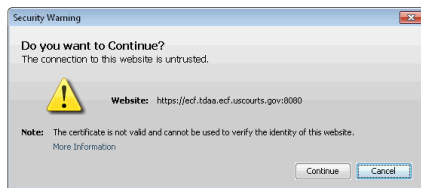


- **Windows Expected Login Sequence**

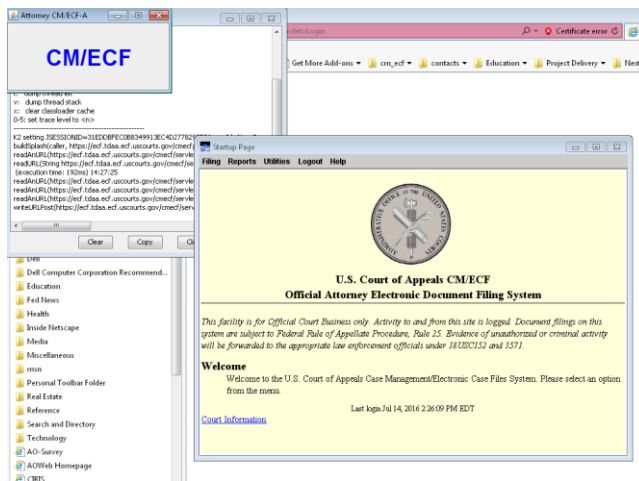
- 1) Log in (Firefox, Chrome)



- 2) In response to the security warning, click **Continue**. (Firefox, Chrome)



- 3) Splash screen displays (Firefox, Chrome)



- 4) To exit the application after you finish using it: (Firefox, Chrome)

- a. Click the Close box **X** in the top right corner of the small CM/ECF window.
- b. Close the browser.

